

# Public Services Projects Update



*May 5, 2023*



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# Active Projects

### Project Facts

- Status: Under Construction
- Estimated Completion Date: July 2023
- Budget: \$200,000
- Funding: FEMA Recovery Funds
- Contractor: Barbour Brothers Construction Inc.

## Greenock Avenue Recovery Project

**Project Description:** The project consists of designing roadway end treatments on either side of the breached dam to be constructed within City rights-of-way and proposed easements. These end treatments will be designed to provide the traveling public and emergency vehicles with a safe turn around location.

- The notice to proceed was signed on April 17, 2023
- Contractor mobilized on April 24, 2023 with clearing and grubbing.
- Traffic control and temporary chain link fencing has been installed
- Contractor has begun working on the western side of the project, by compacting the soil and placing ABC stone. Installation of the concrete curb and milling will occur next week on both sides of the project.







# Active Projects

### Project Facts

- Status: Roadway and Dam Construction Complete
- Estimated Completion Date: October 2023
- Budget: \$3 Million
- Funding: FEMA Recovery Funds
- Contractor: Fred Smith Company

## Devonwood Lower Dam

**Project Description:** The repair to Devonwood Lower Dam along McFadyen Drive consists of restoring the dam to pre-Hurricane Matthew conditions, while also bringing the dam up to current standards. This includes flattening the slopes of the dam, replacing the existing riser structure, and constructing two new 7-foot wide by 3-foot tall box culverts. Storm drainage improvements, roadway construction, and guardrail installation will also be completed, along with a waterline relocation.

<https://www.fayettevillenc.gov/city-services/public-services/resources/projects/devonwood-lower-dam-mcfadyen-drive>

### Current Status:

- FSC has completed the substantial completion punch list.
- EOR and the City will submit as-built drawing to the Dam Safety for approval. Upon Dam Safety's approval the gate valve will be closed to impound water in the lake.







## Active Projects

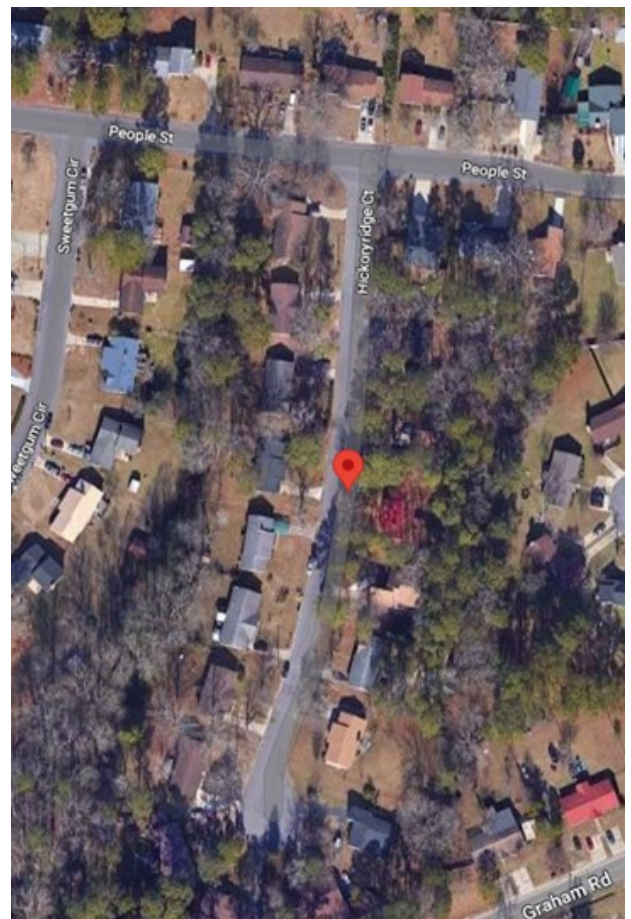
### Stormwater Spot Repair Program

**Project Description:** The Spot Repair Program is designed to expedite the resolution of stormwater drainage complaints as related to flooding within right of way through a simplified design and construction process. As work orders are investigated and needs for improvements are established, any project with a cost below \$200,000 will be assigned to this program. This program allows for smaller projects to be constructed with City crews or through informal bids depending on the scope and resource availability without the competition involved in CIP program.

#### Hickoryridge Court Drainage Improvement

- *Progress: Projected Start– February 14, 2023*
- *Budget: \$55,000*
- *Funding: Stormwater Enterprise Fund*
- *Contractor: City Staff (internal)*
- *Estimated Construction Completion: Spring 2023*

City staff has installed 180 liner feet of pipe as well as the 3 proposed catch basins. Currently waiting on coordination between Sellars concrete and the City paving crew for the replacement of the concrete curb and pavement.





# Active Projects

## Sidewalk Projects

**Project Description:** Sidewalk improvements are an important way to promote safe walkability and livability throughout the City. Construction will begin soon for several sidewalks in Fayetteville supported in the [City's Strategic Plan](#). These improvements are part of the City's overall commitment to improving safety and quality of life.

<https://www.fayettevillenc.gov/city-services/public-services/traffic-services/bike-and-pedestrian-safety>

### Ann Street

- **Status:** Construction Complete
- **Contractor:** Sellers Concrete
- **Budget:** \$ 130,000
- **Funding:** State Direct Grant
- **Construction Start:** January 27, 2023
- **Estimated construction complete:** April 25, 2023.

**Project Description:** Project will install 1,800 feet of sidewalk on the west side of Ann Street from Gorham Alley to Gray Street.



### EB-6032 Hope Mills Road

- **Status:** Construction
- **Contractor:** Browe Construction
- **Budget:** \$ 301,000
- **Funding:** State TAP Grant
- **Construction Start:** 2-1-2023
- **Estimated Construction Completion:** July 31, 2023

**Project Description:** Project will install 1.2 miles of sidewalk on the west side of Hope Mills Road, from S. Sumac Circle to Southern City Limits. The final walk thru is scheduled for 4/21/2023. Contractor will be working on the punch list.







# Active Projects

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### Pamalee Drive



- **Status:** Construction Complete
- **Contractor:** Browe Construction
- **Budget:** \$ 378,000
- **Funding:** State Direct Grant
- **Construction Start:** 11-7-2022
- **Estimated Completion Date:** July 5, 2023

**Project Description:** Project will install 2.27 miles of sidewalk on the north side of Pamalee Drive, from Bragg Blvd to Murchison Road. Final pay app was submitted this week.

### Rosehill Road (U-5528FA)

- **Status:** Construction
- **Contractor:** Mohammad Construction
- **Budget:** \$ 1,201,893
- **Funding:** TAP Grant (Federal)
- **Construction Start:** October 10, 2022
- **Estimated Completion Date:** July 7, 2023

**Project Description:** Project will install 6,520 feet of sidewalk, bus pads, and drainage improvements along on the east side of Rosehill Road from Country Club Drive to Shaw Mill Road. Contractor has poured sidewalk between Tanglewood Drive and Rutledge Drive. Contractor has started working from Dowfield Drive towards Foster Drive.







## Active Projects

### Sidewalk Projects

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<https://www.fayettevillenc.gov/city-services/public-services/traffic-services/bike-and-pedestrian-safety>

#### Yadkin Road Phase I



- **Status:** Under Construction
- **Contractor:** Morgan Trucking
- **Budget:** \$ 397,000
- **Funding:** State Direct Grant
- **Construction Complete:** August 31, 2023

**Project Description:** Project will install 5,845 linear feet of sidewalk on both sides of the road from Brunswick Road to Bonanza Drive. The contractor has moved to the other side of the project (northbound) and is working back toward Fort Bragg.



# Active Projects

## Intersection Improvement Projects

**Project Description:** The City of Fayetteville's Traffic Services Division works to improve walkability throughout the city by increasing the safety of intersections. Throughout the fiscal year, the city will work to enhance intersections through the addition of measures such as crosswalks, upgrading pedestrian facilities, adding audible pedestrian signals, and upgrading detection signals to include the use of video detection. <https://www.fayettevillenc.gov/city-services/public-services/traffic-services/bike-and-pedestrian-safety>



- **Status:** Various
- **Contractor:** Sellers and Sons Concrete (Concrete and Brick)
- **Budget:** Varies
- **Funding:** State Grant Funded
- **NTP:** April 25, 2023

- **Locations**

Hay St at Hillsboro St/Winslow St

Budget: \$15,000

Estimated Construction Time: December 2023

Hay St at Ray Ave/Old St

Budget: \$26,000

Estimated Construction Time: December 2023

Person St at Bow St/Otis F. Jones Pkwy

Budget: \$33,000

Estimated Construction Time: December 2023





# Active Projects

## Speed Hump Projects

**Project Description:** Traffic Services, along with Construction Management will install various traffic calming devices on City streets. The devices can be in conjunction with a City project or a citizen request. When traffic calming devices are requested in an area, Traffic Services will conduct a study to see if the device is warranted. Calming devices most commonly used are speed humps, thermoplastic striping, and occasionally a traffic circle/round-about.



- **Status: Completed**
- **Contractor(s):**
  - **City of Fayetteville**
  - **Diamond Constructors of Fayetteville**
- **Budget: \$4000.00 per Speed Hump**
- **Funding: General Fund**
- **Locations**
  - Bahama Loop
  - Kinlaw Road
  - Lakecrest Drive
  - Sourwood Drive







# What's Coming Up?

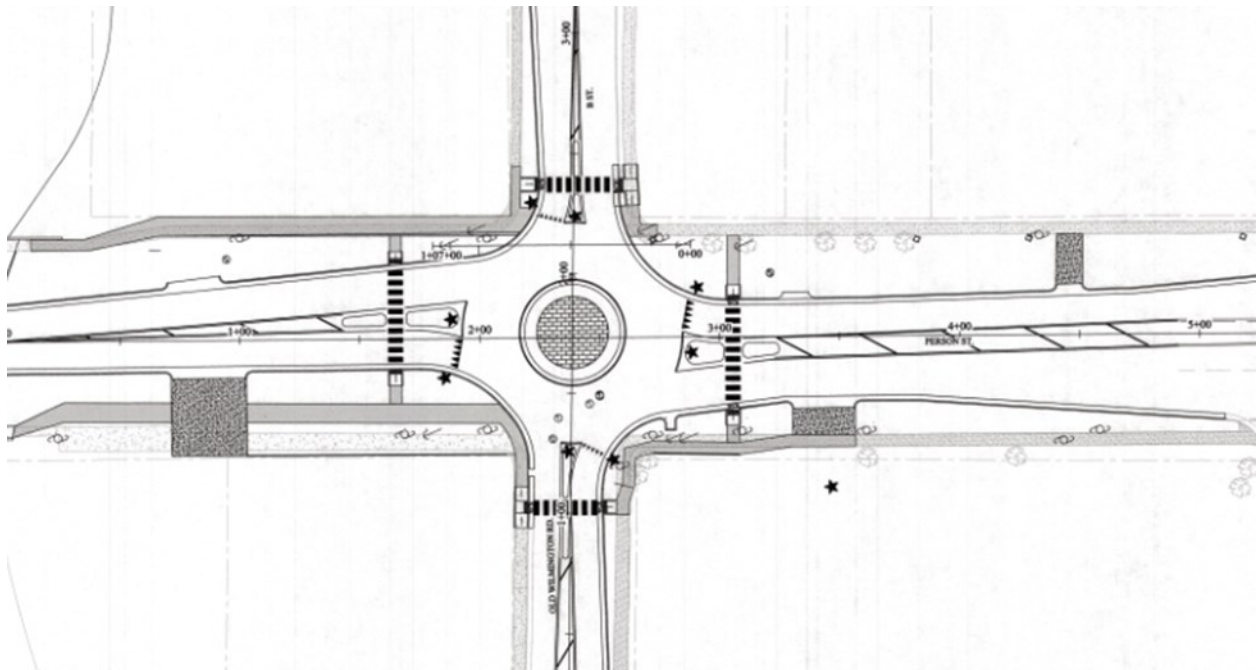
## Capital Improvement Projects– Engineering/ Traffic

### Person Street at B Street/Old Wilmington Road Roundabout

- **Status:** *Contract Routing*
- **Design:** *City Staff*
- **Budget:** *\$ 650,000*
- **Funding:** *Grant*
- **Estimated Construction Time:** *Spring 2023 (Start); Summer 2023 (Completion)*

**Project Description:** This project extends the streetscape concept along Person Street that currently stops at the Blounts Creek Bridge by reducing the number of travel lanes, removing the traffic signal, and constructing a single lane roundabout at the intersection of Person Street and B Street / Old Wilmington Road. This project provides ADA pedestrian accommodations, traffic calming, enhance mobility and aesthetics along a gateway to the downtown area. Once construction commences, the project is expected to take approximately 210 days.

- City Council awarded the contract to the lowest responsive bidder, Jymco Construction. Contract for the project will now begin the routing process.





## What's Coming Up?

### Capital Improvement Projects-Engineering

#### Cape Fear River Trail Extension



- **Status:** Under Design
- **Contractor:** TBD
- **Budget:** \$ 695,000
- **Estimated NTP:** 2nd Quarter 2023
- **Funding:** General Fund/State/Federal Funding
- **Project Description:** The project scope extends the existing trail to the Botanical Gardens property and provides a parking area for the public to access the trail. City staff has completed the proposed parking easement and provided the preliminary plan to the Botanical Gardens Board for review and comments.

#### Ray Avenue/Maiden Lane Drainage

- **Status:** Design Complete, Awaiting Bid Advertisement
- **Consultant:** WK Dickson
- **Budget:** \$ 1.1 Million
- **Estimated Construction Start:** To Be Determined
- **Funding:** ARPA (American Rescue Plan Act) Funding
- **NTP:** Fall 2022
- **Estimated Construction Time:** 150 Days

**Project Description:** The project scope consists of repairing repetitive road settlements between the round-a-bout at Maiden Lane to Cross Creek due to aging infrastructure. The project includes removing and replacing storm drain pipe, road subgrade and installing new catch basins and a requested PWC waterline. Currently, city staff has received final bid contract and is awaiting advertising.





## What's Coming Up?

### Capital Improvement Projects-Engineering



#### Bridge Repairs

- **Status:** Design Complete, Bid Process
- **Contractor:** Fred Smith Company
- **Budget:** \$345,000
- **Estimated NTP:** May 5, 2023
- **Funding:** General/ARPA (American Rescue Plan Act)
- **Project Description:** The City maintains 21 bridges, which are regulated by the National Bridge Standards (FHWA). Bi-annual inspections and reporting are required. Bridge preservation actions are intended to delay the need for costly rehabilitation or replacement while the bridges are still in good to fair condition and before the onset of serious deterioration. The project scope consists of repairing Priority Action Request (PAR) items on 10 bridges confirmed by 2022 NCDOT Bridge Inspection Reports. Alpha & Omega Group has provided the final proposal and the next step will be the bidding process. The following work will be performed:
  - Concrete Repairs
  - Painting existing weathering steel structure
  - Signing and metal bridge railing
  - Sediment Removal (Forest Hills Drive)

The Notice to Proceed has been set for May 5, 2023.





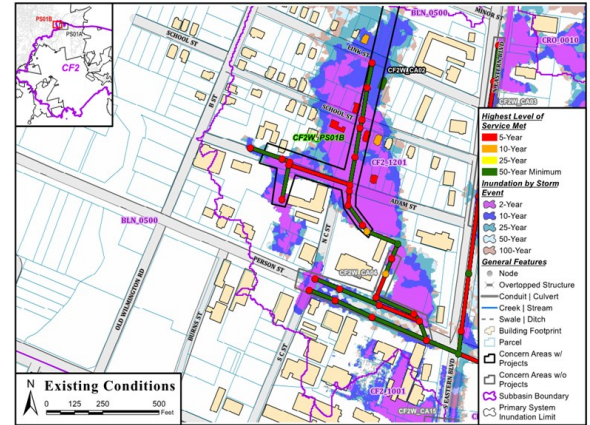
# What's Coming Up?

## Capital Improvement Projects-Stormwater

### Adam Street Drainage Improvements

- **Status:** State Review of Contract Documents.
- **Contractor:** Gradient
- **Budget:** \$ 2.8 M
- **Funding:** Stormwater Enterprise Fund
- **NTP:** Not under construction
- **Estimated Bid:** FY 2024

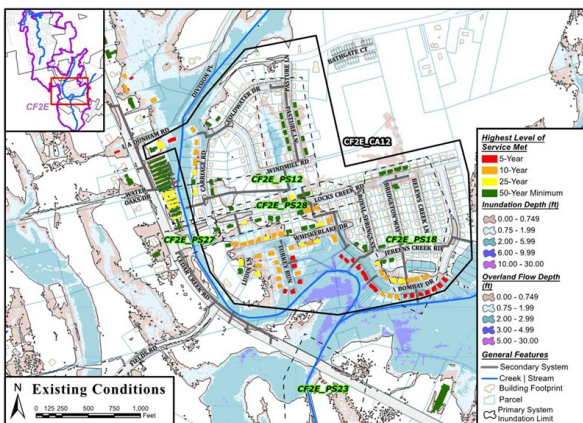
**Project Description:** The Adam Street project originated from the Cape Fear River Watershed Study conducted by the City of Fayetteville. Based on prioritization criteria, this project was selected to move forward into the design stage. The Adam Street Project is located from B street to Eastern Blvd. Final design is complete, and the State is reviewing contract documents.



### Locks Creek Drainage Improvements

- **Status:** Work Authorization and Scoping
- **Contractor:** Gradient
- **Budget:** \$ 8.8 Million
- **Funding:** Stormwater Enterprise Fund
- **Estimated Bid:** 2nd Quarter FY 2024

**Project Description:** The Locks Creek Project originated from the Cape Fear River Watershed Study conducted by the City of Fayetteville. Based on prioritization criteria, this project was selected to move forward into the design stage. The Locks Creek Project is located along Locks Creek Road with improvements on Coldwater Drive, Windmill Road, Pasture Lane, Carriage Road, Bridgeton Way, Jereens Creek Road, and Bombay Drive. The project is currently being scoped and being approved by City Council.





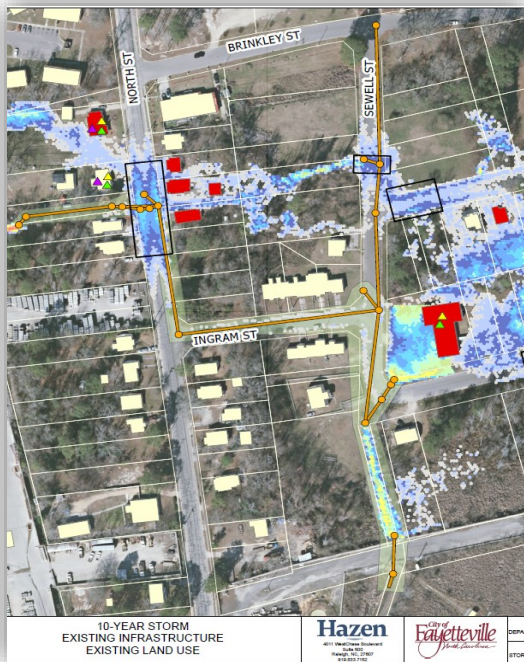
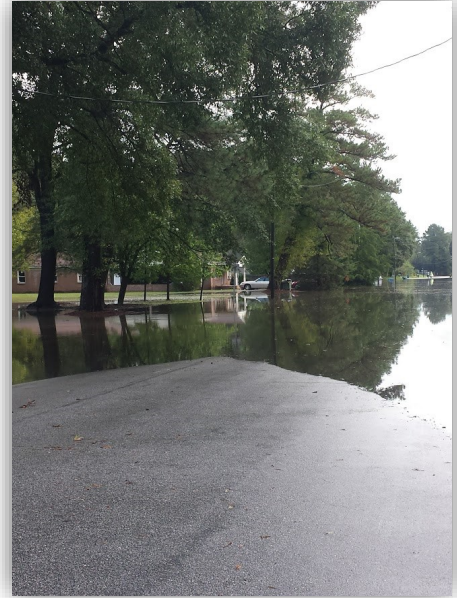
# What's Coming Up?

## Capital Improvement Projects-Stormwater

### Neville Street Drainage Improvements

- **Status:** Awaiting FEMA Phase II Approval
- **Budget:** \$ 1.8 Million
- **Funding:** FEMA

**Project Description:** Project includes installation of approximately 1,300 linear feet of new storm sewers on Neville Street in the Fairveiw neighborhood to reduce the frequency, severity and duration of localized flooding. The project recently completed 100% design. City staff and Consultants are working the bid process and awaiting FEMA phase II approval.



### North Street Drainage Improvements

- **Status:** Preparation of Bid Documents/Easement acquisition
- **Budget:** \$4.2 Million
- **Estimated Construction Start:** FY 2023
- **Funding:** Stormwater Enterprise Fund

**Project Description:** The proposed project scope includes approximately 1,500 linear feet of stormwater infrastructure improvements to improve capacity and level of service as well as replace aging infrastructure nearing the end of its service life.

Currently, the project is at 100% design and staff is acquiring all necessary easements.





# What's Coming Up?

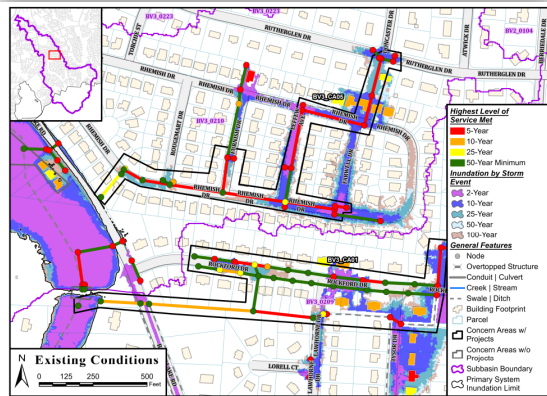
## Capital Improvement Projects-Stormwater

### Rhemish Drive Drainage Improvements

- **Status:** Under Design
- **Consultant:** Hazen Sawyer
- **Budget:** Anticipated \$1.5 M
- **Funding:** Stormwater Enterprise Fund
- **Estimated Bid:** November 2023

**Project Description:** The project is located in a residential neighborhood bounded by Bunce Road, Strickland Bridge Road, and Bailey Lake Road. Approximately 3,200 linear feet of piped drainage improvements are proposed along Rutherglen Drive, Rhemish Drive, Leffew Avenue, Furnish Drive, and Bailey Lake Road.

The project was recently kicked off with a field survey and installing a water logger. The City staff and Consultants are working on conceptual design.

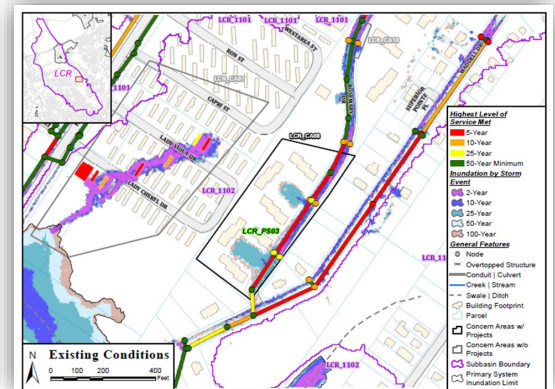


### Rosemary Drive Drainage Improvements

- **Status:** Under Design
- **Consultant:** Kimley-Horn
- **Budget:** Anticipated \$3.0 M
- **Funding:** Stormwater Enterprise Fund
- **Estimated Bid:** November 2023

Rosemary Drive Project originated from the Little Cross Creek Watershed Study conducted by the City of Fayetteville. Based on prioritization criteria, this project was selected to move forward into the design stage. Rosemary Drive project is located at the intersection of Murchison Road and Rosemary Drive and continues the length of Rosemary Drive (approximately 2800 LF) to the intersection of Rosemary Drive and Waddell Drive.

The project was recently kicked off with field survey. City staff and consultant have discussed conceptual design and are now working towards 90% design and utility walkthrough.



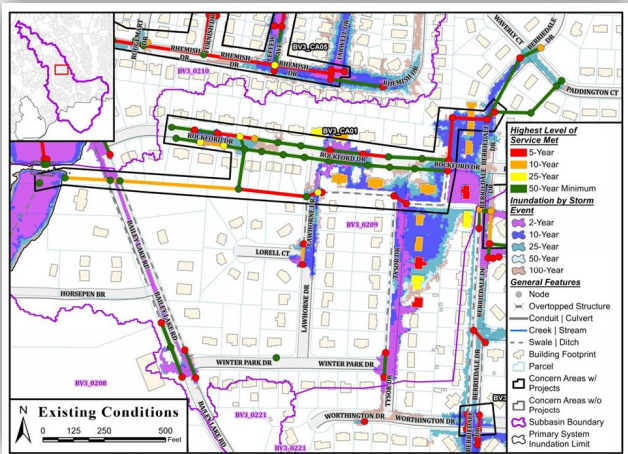




# What's Coming Up?

## Capital Improvement Projects-Stormwater

### Rockford Drive Drainage Improvements



- **Status:** Under Design
- **Contractor:** AECOM
- **Budget:** Anticipated \$5.9M
- **Funding:** Stormwater Enterprise Fund
- **Estimated Bid:** Spring 2024

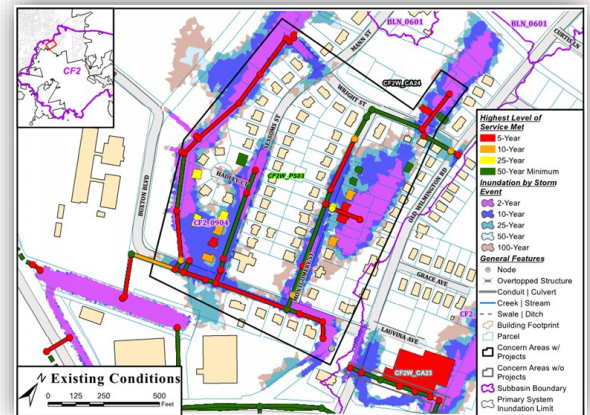
**Project Description:** The Rockford Drive Project intends to improve approximately 4,600 linear feet of stormwater pipe and channels. Design is estimated to begin in October 2022 and last approximately 18 months.

The project is currently awaiting survey data and modeling to start the design process.

### Sessoms Street Drainage Improvements

- **Status:** Under Design
- **Contractor:** Wood Environment & Infrastructure Solutions, Inc
- **Budget:** Anticipated \$2.2 M
- **Funding:** Stormwater Enterprise Fund
- **Estimated Bid:** FY 2024

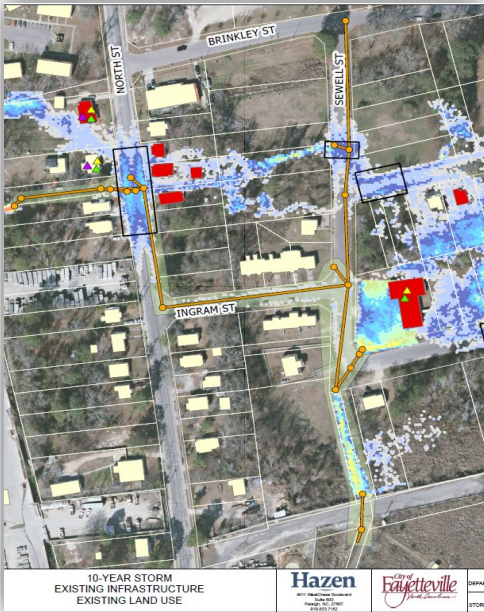
**Project Description:** The Sessoms Street Project originated from the Cape Fear River Watershed Study conducted by the City of Fayetteville. Based on prioritization criteria, this project was selected to move forward into the design stage. The project is located at the intersection of Buxton Boulevard and Sessoms Street and includes improvements along Montgomery Street and Wright Street. The project is currently being surveyed and starting design





# What's Coming Up?

## Capital Improvement Projects-Stormwater



### Sunbury Drive Drainage Improvements

- **Status:** Bid preparation
- **Budget:** \$1.5 Million
- **Estimated Advertisement for Bid:** May 2023
- **Funding:** Stormwater Enterprise Fund
- **NTP:** July 2023
- **Estimated Construction Time:** January 2024

**Project Description:** Project includes proposed improvements, to include 2,700 lineal feet of new storm sewers on Sunbury Drive, Needham Drive, Rosehill Road, and Pleasant Loop Road.

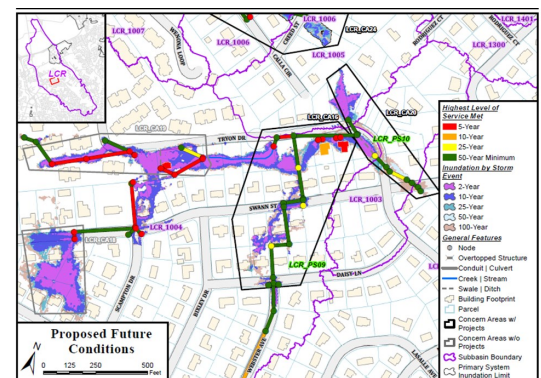
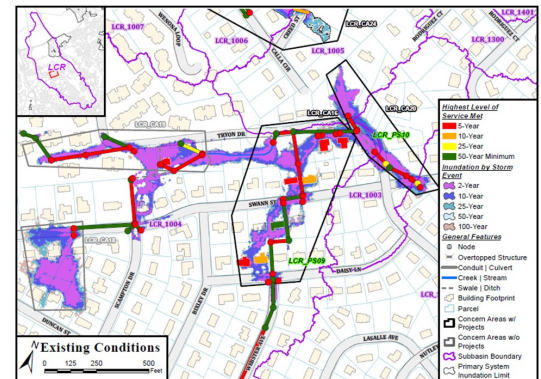
- We are expected to bid this project by May 2023. Currently, City Staff is awaiting NCDEQ Infrastructure approval.

### Tryon Drive Drainage

- **Status:** Under Design
- **Consultant:** Kimley-Horn
- **Budget:** Anticipated \$1.6 M
- **Funding:** Stormwater Enterprise Fund
- **Estimated Bid:** November 2023

**Project Description:** The project was originally part of the Spot Repair program until analysis determined that improvement costs were excessive and the 1743 Tryon Drive property was subsequently purchased by the City. The area was later studied as part of the Little Cross Creek Watershed Study (LCCWS) and based on prioritization criteria, was selected to move forward into the design stage. Approximately 1,700 linear feet of piped drainage improvements are proposed in the area. The project will also replace approximately 1,600 linear feet of asbestos concrete waterline in the project area.

City staff recently reviewed 70% design and met with utilities for coordination. The team is currently working toward 90% design. Staff expects this project to go to bid in late 2023, with construction starting in 2024.





Produced by:  
Public Services Department

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*April 24, 2023*